

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

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070 FARMINGTON, NM

<p>1a. <b>Type of Work</b> DRILL</p> <p>1b. <b>Type of Well</b> GAS</p> <p>2. <b>Operator</b> <b>BURLINGTON RESOURCES</b> Oil &amp; Gas Company</p> <p>3. <b>Address &amp; Phone No. of Operator</b> PO Box 4289, Farmington, NM 87499  (505) 326-9700</p> <p>4. <b>Location of Well</b> 590' FNL, 2140' FEL R-10720  Latitude 36° 43.9, Longitude 107° 35.5</p> <p>14. <b>Distance in Miles from Nearest Town</b> 2 miles from Navajo City</p> <p>15. <b>Distance from Proposed Location to Nearest Property or Lease Line</b> 590'</p> <p>16. <b>Acres in Lease</b></p> <p>18. <b>Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease</b> 1200'</p> <p>19. <b>Proposed Depth</b> 6132'</p> <p>21. <b>Elevations (DF, FT, GR, Etc.)</b> 6772' GR</p> <p>23. <b>Proposed Casing and Cementing Program</b> See Operations Plan attached</p> <p>24. <b>Authorized by:</b> <u><i>Tommy Shadfield</i></u> (Regulatory/Compliance Administrator)</p>	<p>5. <b>Lease Number</b> SF-078423 <b>Unit Reporting Number</b> 891001650A</p> <p>6. <b>If Indian, All. or Tribe</b></p> <p>7. <b>Unit Agreement Name</b> San Juan 29-7 Unit</p> <p>8. <b>Farm or Lease Name</b> San Juan 29-7 Unit</p> <p>9. <b>Well Number</b> 44C</p> <p>10. <b>Field, Pool, Wildcat</b> Blanco Mesaverde</p> <p>11. <b>Sec, Twn, Rge, Mer. (NMPM)</b> 13 Sec.17, T-29-N, R-7-W API # 30-039-26051</p> <p>12. <b>County</b> Rio Arriba</p> <p>13. <b>State</b> NM</p> <p>17. <b>Acres Assigned to Well</b> 320 E/2</p> <p>20. <b>Rotary or Cable Tools</b> Rotary</p> <p>22. <b>Approx. Date Work will Start</b> 12-2-98</p>
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OIL CON. DIV.  
DIST. 3

**DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE FEB 10 1998

APPROVED BY *AS/ Duane W. Spencer* TITLE Team Lead, Petroleum Management DATE \_\_\_\_\_

Archaeological Report to be submitted  
Threatened and Endangered Species Report to be submitted  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

R-10720  
R-10987A @

District I  
PO Box 1930, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

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District IV  
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION CLAIM

1 API Number 30-039- <b>26051</b>		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 7465		5 Property Name SAN JUAN 29-7 UNIT			6 Well Number 44C
7 CGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6772'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	29N	7W		590	NORTH	2140	EAST	RIO ARRIBA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres E/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

5286.60'

5283.96'

17

NMSF-078423

5280.00'

5280.00'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Peggy Bradfield*  
Signature

Peggy Bradfield  
Printed Name

Regulatory Administrator  
Title

11-30-98  
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 19, 1998  
Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

RECEIVED

FEB 22 1999

OIL CON. DIV.

DIST. 3

## OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #44C  
Surface Location: 590' FNL, 2140' FEL Section 17, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 43.9, Longitude 107° 35.5

Formation: Blanco Mesa Verde  
Elevation: 6772'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2614'	aquifer
Ojo Alamo	2614'	2736'	aquifer
Kirtland	2736'	3130'	gas
Fruitland	3130'	3564'	gas
Pictured Cliffs	3564'	3721'	gas
Lewis	3721'	4271'	gas
<b>Intermediate TD</b>	<b>3821'</b>		
Mesa Verde	4271'	4523'	gas
Chacra	4523'	5289'	gas
Massive Cliff House	5289'	5391'	gas
Menefee	5391'	5732'	gas
Point Lookout	5732'		gas
<b>Total Depth</b>	<b>6132'</b>		

### Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface to TD  
Mud Logs/Coring/DST - none

### Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3821'	LSND	8.4-9.0	30-60	no control
3821- 6132'	Air/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

### Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Measured Depth</u>	<u>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3821'	7"	20.0#	J-55
6 1/4"	3721' - 6132'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 6132' 2 3/8" 4.7# J-55

### BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure =1).  
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

